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Approved For Release 2005/05/02 : CIA-RDP78B04770A001200010002-7

NPIC/TSSG/RED-110-70

10 APR 1970

MEMORANDUM FOR: Director, National Photographic Interpretation Center

SUBJECT : Request for Approval of a Contract for the Modification
of the Twin Stage On-Line PI Comparator with the
[redacted] from
FY-1970 R&D Funds

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1. This memorandum requests approval for the commitment of R&D funds for a contract. The specific request is stated in Paragraph 6.

2. In Fiscal Year 1969, NPIC contracted with the [redacted] Company for the fabrication of a prototype Twin Stage On-Line PI Comparator under a Fixed Price Contract in the amount of [redacted]. The instrument has subsequently been built, delivered to NPIC, and has now undergone a thorough test and evaluation.

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3. As the result of this formal engineering test and evaluation, and a limited operational evaluation by IAS and PHD personnel, it was determined that by replacing the present joystick operation with hand-wheels for fine positioning, greater pointing accuracy could be attained. The present joystick action will be retained because it is advantageous for both medium and coarse rapid movement of the film stages. Additionally, the contractor was asked to propose on a thin set of pressure platen hold down plates and a minor modification of the optical viewing system, in order to improve the precision of both the focus and the optical alignment. The technical risk involved in these modifications is minimal.

4. [redacted] was selected as a sole source for this modification because they built the subject instrument under the original contract and they are the only company qualified to perform the necessary changes. These proposed modifications have been coordinated with ESD/TSSG and with IAS. IAS will be the eventual recipient of the prototype instrument and is desirous of the changes. The modifications will be made a part of any follow-on production procurement resulting from successful operational use of the prototype.

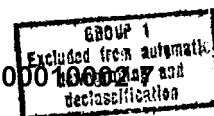
5. [redacted] will be the Project Officer for this contract. [redacted] is appropriate for this contract, the work and title will be UNCLASSIFIED.

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NGA Review Complete

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SUBJECT: Request for Approval of a Contract for the Modification of
the Twin Stage On-Line PI Comparator with the [REDACTED]
Company at a Cost of [REDACTED] from FY-1970 R&D Funds

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6. It is requested that approval be granted to negotiate a contract with the [REDACTED] to perform the desired modifications to the Twin Stage On-Line PI Comparator at a cost not to exceed [REDACTED] from FY-1970 R&D funds.

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[REDACTED]

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Chief, Technical Services & Support Group, NPIC

Attachments:

1. [REDACTED]
2. Form 2420

APPROVED:

[REDACTED]

ARTHUR C. LUNDAHL
Director

National Photographic Interpretation Center

April 20, 1970
Date

Distribution:

- Original - NPIC/TSSG/SC&PS (After approval)
- 1 - NPIC/ODir
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☐ UNCLASSIFIED ☒ CONFIDENTIAL ☐ SECRET ☐ _____ (specify)

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REQUEST FOR PROCUREMENT DIVISION FOR SERVICES
(other than property or building maintenance and repairs)

OFFICE/DIV/BR NPIC/TSSG/RED	REQUEST NO. 5500-6107-70	DATE OF REQUEST 23 APR 1970	I CERTIFY THAT FUNDS IN THE ESTIMATED AMOUNT OF \$ _____ ARE AVAILABLE. CHARGE TO FAN 0155-5350
PROJECT TITLE Modification to TS Comparator	PROJECT OR CONTACT OFFICER [REDACTED]	EXTENSION B- R- [REDACTED]	SIGNATURE OF BUDGET OFFICER DATE
CONTRACTOR (if known) [REDACTED]	PROPOSAL NO. AND DATE	CONTRACT & TASK ORDER NO. (if known) N/A	
TYPE OF SERVICE REQUESTED		APPLICABLE ONLY TO REPAIRS AND MODIFICATIONS	
<input type="checkbox"/> RESEARCH/DEV <input type="checkbox"/> GRANT <input type="checkbox"/> REPAIR <input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> MODIFICATION	TRANSFER OF FUNDS TO OTHER GOVT. AGENCY (specify if applicable)	TECHNICAL INSPECTION IS REQUIRED BY <input type="checkbox"/> RECEIVING DEPOT T & I <input type="checkbox"/> TECHNICAL MONITOR <input type="checkbox"/> ITEMS TO BE PICKED UP OR <input type="checkbox"/> SERVICES PERFORMED AT: NPIC ITEMS TO BE REDELIVERED TO:	
STERILITY	CONTRACT CLASSIFICATION CONFIDENTIAL	WORK CLASSIFICATION UNCLASSIFIED	HARDWARE CLASSIFICATION UNCLASSIFIED
			REPORTS CLASSIFICATION N/A

SHORT SUBSTANTIVE TITLE AND/OR DESCRIPTION OF SERVICE TO BE PERFORMED

Modification to the Twin Stage On-Line PI Comparator consisting of the addition of handwheels for fine pointing accuracy, fabrication of a set of thin pressure platen hold-down plates, and a readjustment of the optical viewing system to improve focus and alignment.

(See reverse for specific information required on R&D requests.)

DESIGNATION		APPROVAL	
NPIC/TSSG/EO	[REDACTED]	SIGNATURE	DATE
			4/23/70
PROCUREMENT DIVISION USE			
DATE RECEIVED IN PD	RECORDED BY	SECTION ASSIGNED TO	NEGOTIATOR

FORM 3-67 2420

REPLACES FORMS 2420 AND 2416 WHICH MAY BE USED.

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☐ UNCLASSIFIED ☒ CONFIDENTIAL ☐ SECRET ☐ _____ (specify)

(5-12-38)

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ATTACHMENTS OR STATEMENT

☐ SECRET

(specify)

1. JUSTIFICATION Approved For Release 2005/05/02 : CIA-RDP78B04770A001200010002-7

25X1 [] was the manufacturer of the prototype instrument and have on hand all the drawings, tolerance requirements, etc. necessary to perform the modifications.

2. PROPOSAL

Attached

3. DELIVERABLE ITEMS

REPORTS REQUIRED

NO. OF COPIES

☐

MONTHLY

☐

INTERIM

☐

QUARTERLY

☐

FINAL

HARDWARE (state type and number)

OTHER

Modification to instrument

4. GFE REQUIRED

N/A

5. SPECIAL INSTRUCTIONS

N/A

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(specify)

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March 27, 1970

U. S. Government

Att: Ray S.

Gentlemen:

Based on your recent recommendations, the [redacted] is pleased to propose the following modifications to your [redacted] Type 1740 Stereo Chip Comparator [redacted]

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Item 1

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One special set of thin pressure platen assemblies. These assemblies consist of a metal frame containing a thin glass insert. There are two such units per set. (No lifting system or leaf spring supports are included). These pressure platens are intended for gravity holdown only. Delivery of this item would be 60 to 90 days after receipt of an order.

Item 2

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Optical viewing system readjustment to improve focus capability and alignment (includes transportation time and expenses from [redacted] to Washington, D. C. and allows for one full day at the installation). Delivery of this item coincides with that of Item 3 for maximum cost savings.

Item 3

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Modification to provide X, X, Y, Y, manual precision lead screw control by electrically switched handwheels. These four handwheels will be located convenient to the seated operator. The electrical switch will permit automatic transfer between the joystick control and the handwheel control. Includes installation cost. (Transportation cost to and from [redacted] [redacted] to installation is included in Item 2 above.)

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Delivery of this item would be 90 to 120 days after receipt of an order.

Ray S.

-2-

March 27, 1970

We trust this information is sufficient for your immediate action
and await your reply.

Sincerely,

A rectangular box with a black border, used to redact a signature. There is a small handwritten mark resembling a checkmark or a flourish to the right of the box.

Director of Marketing

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ACT/b1

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April 2, 1970

U. S. Government:

Attention: Raymond S.

Gentlemen:

As requested, we are enclosing two copies of a sketch showing the proposed handwheel location mentioned in Item 3 of our quotation of 27 March 1970 regarding your  If you have any questions about this information, please call us.

25X1

Very truly yours,



25X1

Manager, Engineering

RLD:pc

Enclosure: Drawing A1740-12-01
(2 copies)

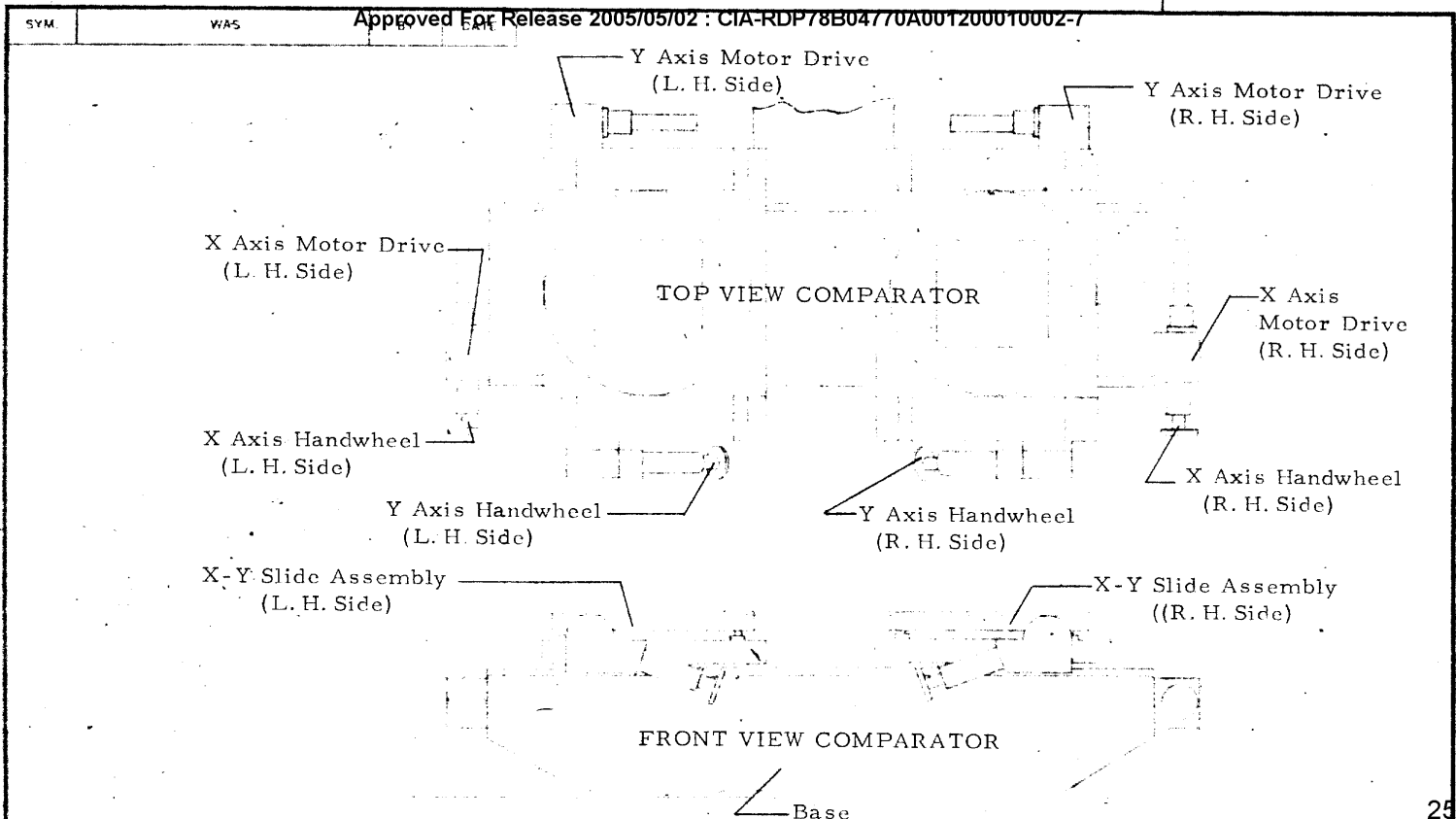
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DWG. NO.

A1740-12-01

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		UNLESS OTHERWISE SPECIFIED	OR 4-1-70 (HLL)	TITLE MECHANICAL SCHEMATIC 1740 STEREO COMPARATOR (Proposed Handwheel Adaption)
		DIMENSIONS ARE IN INCHES	CHK	
		TOLERANCES ON FRACTIONS	APP	
		DECIMALS ANGLES	QTY UNIT	
		MACHINE FINISH	SCALE	
		MATERIAL	N. T. S.	
		FINISH	DO NOT SCALE PRINT	
APPLICATION	QTY	REMOVE ALL BURRS & SHARP EDGES MAX. FLAT 1/16"	PATTERN NO.	DWG. NO. A1740-12-01

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